

Ryan Hermes

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EDUCATION

University of Minnesota, Twin Cities

Minneapolis, MN

Curtis L. Carlson School of Management

September 2022 - December 2025 (expected)

Bachelor of Science in Business, Major: Management Information Systems, Business Analytics

RELEVANT EXPERIENCE

UnitedHealth Group

Minneapolis, MN

Data Science Intern

June 2024 - Present

- In this role, I will apply statistical modeling and ML techniques to analyze large datasets to generate insights.
- I will collaborate with cross-functional teams to build and validate models and support data-driven decision-making.
- Last summer, I engineered metrics such as ACH adoption rate and Reactive VOC by synthesizing API data from sources like Stripe, ServiceNow, Qualtrics, and Datadog, improving data accessibility for decision-making; identified \$200,000 in lost revenue from fraudulent disputes over six months, and developed a machine learning model to detect and flag future cases for the Optum Advisory Services team

Carba

Minneapolis, MN

Entrepreneurship Fellow

May 2025 - Present

- Initiated outreach to key steel producers, mapping potential partners in the US steel value chain and gathering insights on their interest in biocarbon as a replacement for coking coal.
- Analyzed steel production data, documented biocarbon use cases, and drafted a go-to-market strategy that outlines expected demand, timelines, and partnership pathways.

Atland Ventures

Minneapolis, MN

Senior Analyst - Technology

January 2024 - Present

- Atland Ventures is the first fully independent, for-profit, student-led & student-owned venture capital firm not affiliated with the University nor its Endowment fund, managing \$2,050,000 in assets.
- Led a \$25,000 deal to invest in HYBRD, the Strava for elite athletes.

Collaboration.ai

Minneapolis, MN

AI Consultant

November 2024 - December 2024

- Developed an AI agent that critiques any MN organization by scraping its entire digital footprint (website, social media presence, and web articles) and offers areas for improvement in terms of social capital and influence.
- Built a statistical model to quantify the network effect of members in any MN organization.

Ready Credit Corporation

Eden Prairie, MN

Software Development Intern

June 2023 - August 2023

- Aggregated data from hundreds of kiosks to extract insights pertaining to kiosk status, customer information, locations, LOB's, outages, and storage leading to a 15% increase in operational efficiency.
- Developed & deployed two dashboards for management using agile methods with Python, JS, Git, & GCP.

PROJECTS

Scout AI | Founder | <https://tinyurl.com/bdeukmet>

July 2023 - Present

- Built a Chrome extension that allows for easy navigation of web articles by generating a table of contents.
- Adhered with Chrome's best practices, achieving a 'featured' tag and 100+ active weekly users. Free on the Web Store.
- Managed product updates by monitoring usage analytics trends and integrating feedback received on ProductHunt.

cliseo | Co-founder | <https://cliseo.com/>

April 2025 - Present

- Building cliseo, a command line interface for search engine optimization compatible with most major web frameworks.
- Managed CLI development, DevOps, CI/CD, SEO optimization, and all engineering aspects from start to finish.

SKILLS

Python, SQL, RStudio, Microsoft Office, Excel, Power BI, Tableau, Jupyter, Pandas, NumPy, Scikit-Learn, PyTorch, XGBoost, JavaScript, AWS, GCP, Agile Methods, Bitbucket, Github, Jira, Flask, Django, BS4, Snowflake, Supabase, Google Analytics

OTHER INTERESTS

Jazz pianist for 3 bands at bars & weddings, DJ for local bars & clubs, alpine skier, pole vaulter, eagle scout, basketball